

Remarks

Claims 1-19 are currently pending in the Application.

Summary of claim amendments

This response amends Claim 1 to recite “allocates the mobile phone numbers in the contracted roaming network to subscribers roaming in the contracted roaming network dynamically through the MSC/VLR in the contracted roaming network and the HLR in the home network” to clarify the language of the claim.

Finality of the Office Action

Applicant respectfully requests that the Examiner withdraw the finality of the present Office Action. According to MPEP Section 706.05 the “applicant who is seeking to define his or her invention in claims that will give him or her the patent protection to which he or she is justly entitled should receive the cooperation of the Examiner to that end, and not be prematurely cut off in the prosecution of his or her application.”

Applicant submits that he is seeking to define his invention in claims to which he is justly entitled, as evidenced by the claim amendments presented in response to the Office Action dated July 28, 2006. Because Applicant has not dallied in the prosecution of this application and did not resort to technical or other obvious subterfuges in order to keep the application pending before the primary Examiner, Applicant respectfully requests Examiner’s cooperation in obtaining protection to which Applicant is justly entitled by withdrawing the finality of the present Office Action.

35 U.S.C. §102(b) Rejection

Claims 1-4, 6-8, 10-11 and 14-16 stand rejected under 35 U.S.C. §102(b) as being anticipated by Koster (U.S. Patent No. 6,259,914). Applicant respectfully disagrees.

Firstly, Applicant submits that the present invention solves a different technical problem from that of the Koster patent.

In particular, the Koster patent, as described in column 2, lines 49-67 through column 3, lines 1-30, is intended to overcome the unavailability of the automatic international roaming of a subscriber due to the differences between the telephone numbering plans of the U.S. and other countries which are not part of the NANP, etc.

In contrast, the present invention, as described in the Summary of the Invention, is intended to implement localized roaming of mobile subscribers at lower cost and with lower network resource occupation based on automatic roaming mechanism.

Secondly, Applicant submits that the technical solution defined in claim 1 of the present invention is totally different that that disclosed in the Koster patent in order to solve their respective technical problem.

In particular, Applicant submits that Koster does not disclose, suggest or teach, *inter alia*, the following features recited by amended Claim 1 of the present application:

“wherein said RNM, ... and allocates the mobile phone numbers in the contracted roaming network to subscribers roaming in the contracted roaming network dynamically through the MSC/VLR in the contracted roaming network and the HLR in the home network.”

According to Col. 5, line 52-Col. 6, line 17 and Figure 1 of the Koster patent, the IRS HLR 160 is deployed in the visited cellular system 130 (corresponding to the contracted roaming network of the present invention), and the IRS HLR 160 allocates a mobile phone number in the visited cellular system 130 to the roaming mobile station 100 independently of the HLR in the service region 165(corresponding to the home network of the present invention), i.e. without any interaction or communication with the HLR in the service region 165.

In contrast, the RNM of the present invention is closely associated with the HLR in the home network. For example, the RNM of the present invention is deployed in the home network and directly connected with the HLR in the home network or even embedded in

the HLR in the home network. Moreover, the allocation of the mobile phone numbers in the contracted roaming network to roaming subscribers by the RNM of the present invention must be through the interaction with the HLR in the home network.

Therefore, the Koster patent does not anticipate the amended claim 1 of the present invention.

In addition, Alperovich (U.S. Patent No. 5,987,673) discloses providing location-based call forwarding within a mobile telecommunications network. As well known in the art, call forwarding means that if a call can not be delivered to the called party for some reason, e.g. the called party is busy, the call can be rerouted to another number which is predefined by the called party. Thus, the Alperovich patent is irrelevant to the subject matter of the present invention. Furthermore, the whole content of the Alperovich patent (including Col. 4, lines 13-33 and Col. 4, lines 44-67 referred to by the Examiner when commenting on Claim 5) does not disclose, suggest or teach, *inter alia*, the above-mentioned features recited by amended Claim 1 of the present application. Therefore, the Alperovich patent does not anticipate the amended claim 1 of the present invention.

Hence, Claim 1 of the present invention is patentable over Koster and Alperovich and should be allowed by the Examiner. Claim 2-4, 6-8, 10-11 and 14-16, at least based on their dependency on Claim 1, are also patentable over Koster and Alperovich.

35 U.S.C. §103(a) Rejection

Claims 5, 9, 12-13 and 17-19 stand rejected under 35 U.S.C. §103(a) as being obvious in view of Koster and further in view of Alperovich (U.S. Patent No. 5,987,673).

Applicant submits that Claims 5, 9, 12-13 and 17-19, at least based on their dependency on amended Claim 1, are believed to be patentable over Koster and Alperovich.

Conclusion

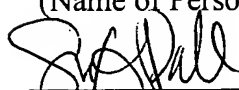
In view of the above, reconsideration and allowance of all the claims are respectfully solicited.

The Commissioner is authorized to charge any additional fees which may be required or credit overpayment to deposit account no. 12-0415. In particular, if this response is not timely filed, then the Commissioner is authorized to treat this response as including a petition to extend the time period pursuant to 37 CFR 1.136 (a) requesting an extension of time of the number of months necessary to make this response timely filed and the petition fee due in connection therewith may be charged to deposit account no. 12-0415.

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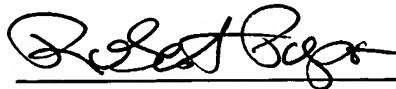
March 26, 2007
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